

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-55 (Cancel)

56. (New) A method of forming a flat panel display device, the flat panel display device having a first frame, a second frame, a flat display panel and a backlight unit having a light source, the method comprising:

coupling the first frame with the second frame, the flat display panel and the backlight unit being disposed between the first frame and the second frame, the backlight unit being adjacent the first frame and the flat display panel being adjacent to the backlight unit, wherein the first frame is capable of being fixed to a case with a fastening part at a rear surface of the first frame.

57. (New) The method of forming a flat panel display device according to claim 56, wherein the fastening part includes a screw hole.

58. (New) The method of forming a flat panel display device according to claim 56, further comprising multiple fastening parts.

59. (New) The method of forming a flat panel display device according to claim 56, wherein the case has a front part and a rear part.

60. (New) The method of forming a flat panel display device according to claim 59, wherein the front part of the case has an opening corresponding to a viewing area of the flat display panel.
61. (New) The method of forming a flat panel display device according to claim 56, further comprising a hinge extension coupled to the first frame.
62. (New) The method of forming a flat panel display device according to claim 61, wherein the hinge extension is between the case and the first frame.
63. (New) The method of forming a flat panel display device according to claim 56, wherein the fastening part includes a fastening hole.
64. (New) The method of forming a flat panel display device according to claim 56, further comprising a screw attaching the first frame of the backlight unit to the second frame through the fastening hole.
65. (New) The method of forming a flat panel display device according to claim 56, wherein the fastening part includes at least two fastening holes at two corners of the first frame.
66. (New) The method of forming a flat panel display device according to claim 56, wherein the fastening part includes four fastening holes at four corners of the first frame.
67. (New) The method of forming a flat panel display device according to claim 56, wherein the backlight unit comprises:

a reflector unit adjacent the first frame;

a light source unit adjacent the reflector unit; and

a light guide unit adjacent the light source unit.

68. (New) The method of forming a flat panel display device according to claim 67, further comprising a diffuser unit and a prism unit.

69. (New) The method of forming a flat panel display device according to claim 56, wherein the fastening part is not visible from a viewing direction of the flat display panel.

70. (New) A method of forming a flat panel display apparatus, the flat panel display apparatus having a case, a first frame, a backlight unit having a light source, a flat display panel and a second frame, the method comprising:

coupling the first frame with the second frame, the flat display panel and the backlight unit being disposed between the first frame and the second frame, the backlight unit being adjacent the first frame and the flat display panel being adjacent the backlight unit, wherein the first frame includes a fastening part at a rear surface thereof; and

fixing the first frame to the case, where the first frame fixes to the case with the fastening part at the rear surface of the first frame.

71. (New) The method of forming a flat panel display apparatus according to claim 70, wherein the fastening part includes a screw hole.

72. (New) The method of forming a flat panel display apparatus according to claim 70, wherein the case has a front part and a rear part.

73. (New) The method of forming a flat panel display apparatus according to claim 72, wherein the front part of the case has an opening corresponding to a viewing area of the flat display panel.

74. (New) The method of forming a flat panel display apparatus according to claim 70, further comprising a hinge extension coupled to the first frame.

75. (New) The method of forming a flat panel display apparatus according to claim 74, wherein the hinge extension is between the case and the first frame.

76. (New) The method of forming a flat panel display apparatus according to claim 70, wherein the fastening part includes a fastening hole.

77. (New) The method of forming a flat panel display apparatus according to claim 70, further comprising a screw attaching the first frame of the backlight unit to the second frame through the fastening hole.

78. (New) The method of forming a flat panel display apparatus according to claim 70, wherein the fastening part includes at least two fastening holes at two corners of the first frame.

79. (New) The method of forming a flat panel display apparatus according to claim 70, wherein the fastening part includes four fastening holes at four corners of the first frame.

80. (New) The method of forming a flat panel display apparatus according to claim 70, wherein the backlight unit comprises:

a reflector unit adjacent the first frame;

the light source unit adjacent the reflector unit; and

a light guide unit adjacent the light source unit.

81. (New) The method of forming a flat panel display device according to claim 80, further comprising a diffuser unit and a prism unit.

82. (New) The method of forming a flat panel display device according to claim 70, wherein the fastening part is not visible from a viewing direction of the flat display panel.

83. (New) A method for forming a flat panel display apparatus for a computer, the flat panel display apparatus having a case, a flat display panel, a first frame, a backlight unit and a second frame, the method comprising:

coupling the first frame with the second frame, the flat display panel being between the first frame and the second frame and the backlight unit being between the first frame and the flat display panel; and

coupling the first frame with the case, the first frame having a fastening part at a rear surface opposite to a display surface area of the flat display panel, the fastening part being located within the display surface area, wherein the first frame couples with the case with the insertion of a screw into the first frame fastening part through a rear side of the case.

84. (New) The method for forming a flat panel display apparatus according to claim 83, wherein the case has a front part and a rear part.

85. (New) The method for forming a flat panel display apparatus according to claim 84, wherein the front part of the case has an opening corresponding to a viewing area of the flat display panel.

86. (New) The method for forming a flat panel display apparatus according to claim 83, further comprising a hinge extension coupled to the first frame.

87. (New) The method for forming a flat panel display apparatus according to claim 86, wherein the hinge extension is between the case and the first frame.

88. (New) The method for forming a flat panel display apparatus according to claim 83, wherein the fastening part includes a fastening hole.

89. (New) The method for forming a flat panel display apparatus according to claim 83, further comprising a screw attaching the first frame of the backlight unit to the second frame through the fastening hole.

90. (New) The method for forming a flat panel display apparatus according to claim 83, wherein the fastening part includes at least two fastening holes at two corners of the first frame.

91. (New) The method for forming a flat panel display apparatus according to claim 83, wherein the fastening part includes four fastening holes at four corners of the first frame.

92. (New) The method for forming a flat panel display apparatus according to claim 83, wherein the backlight unit comprises:

a reflector unit adjacent the first frame;

a light source unit adjacent the reflector unit; and

a light guide unit adjacent the light source unit.

93. (New) The method for forming a flat panel display device according to claim 92, further comprising a diffuser unit and a prism unit.

94. (New) The method for forming a flat panel display device according to claim 83, wherein the fastening part is not visible from a viewing direction of the flat display panel.

95. (New) A method of forming a flat panel display apparatus, the method comprising:

providing a case having a front part and a rear part;

providing a flat panel display device unit having a flat display panel, a backlight unit, a first frame and a second frame;

providing a hinge extension adjacent to the rear part of the case, wherein the hinge extension includes a first plurality of screw holes; and

coupling the flat panel display device unit and the case with the hinge extension using a plurality of screws entering from an outer side of the rear part of the case into the first plurality of screw holes.

96. (New) The method of forming a flat panel display apparatus according to claim 95, wherein a second plurality of screw holes are formed at a rear surface of the first frame and the plurality of screws penetrates through the second plurality of the screw holes.

97. (New) The method of forming a flat panel display apparatus according to claim 95, wherein the hinge arm is located between the first frame and the case.

98. (New) The method of forming a flat panel display apparatus according to claim 95, wherein the front part of the case has an opening corresponding to a viewing area of the flat display panel.

99. (New) The method of forming a flat panel display apparatus according to claim 95, wherein the backlight unit comprises:

a reflector unit adjacent the first frame;

a light source unit adjacent the reflector unit; and

a light guide unit adjacent the light source unit.

100. (New) The method of forming a flat panel display device according to claim 99, further comprising a diffuser unit and a prism unit.

101. (New) The method of forming a flat panel display device according to claim 100, wherein the fastening part is not visible from a viewing direction of the flat display panel.

102. (New) A method of forming an information terminal apparatus, the method comprising:

providing a flat panel display device, the flat panel display device having a light unit including a light source, a first frame supporting the light unit, a second frame corresponding to the first frame, a flat panel display between the first frame and the second frame and a support member, the support member having a first fastening element having a first screw hole;

providing a case having a second fastening element including a second screw hole, the support member being arranged adjacent to the case; and

coupling the support member with the case, the support member and the case being coupled with the first fastening element and the second fastening element using a screw through the screw holes of the first and second fastening elements.

103. (New) The method of forming an information terminal apparatus according to claim 102, wherein a second plurality of screw holes are formed at a rear surface of the first frame and the plurality of screws penetrates through the second plurality of the screw holes.

104. (New) The method of forming an information terminal apparatus according to claim 102, wherein the hinge arm is located between the first frame and the case.

105. (New) The method of forming an information terminal apparatus according to claim 102, wherein the front part of the case has an opening corresponding to a viewing area of the flat display panel.

106. (New) The method of forming an information terminal apparatus according to claim 102, wherein the backlight unit comprises:

a reflector unit adjacent the first frame;

a light source unit adjacent the reflector unit; and

a light guide unit adjacent the light source unit.

107. (New) The method of forming an flat panel display device according to claim 106, further comprising a diffuser unit and a prism unit.

108. (New) The method of forming an information terminal apparatus according to claim 107, wherein the fastening part is not visible from a viewing direction of the flat display panel.

109. (New) A method for forming an information terminal apparatus comprising:

forming a flat panel display device having a light unit including a reflection unit, a light source and a light guide unit, a first frame supporting the light unit, a second frame corresponding to the first frame, and a flat display panel, forming a flat panel display device further comprising:

positioning the flat display panel between the first frame and the second frame;

and

forming a first fastening element on a rear surface of the flat panel display device;

providing a housing having a second fastening element; and

coupling the flat panel display device with the housing are combined through the first fastening element and the second fastening element.

110. (New) The method for forming an apparatus according to claim 109, wherein the flat display panel has a display region and the first fastening element is formed on a rear surface of the flat display panel at the display region.

111. (New) The method for forming an apparatus according to claim 109, wherein the first and second fastening elements use a screw.

112. (New) The method for forming an apparatus according to claim 111, wherein the screw is combined with the first fastening element through the second fastening element from a rear surface of the housing.

113. (New) The method for forming an apparatus according to claim 109, further comprising a third frame having a third fastening element.

114. (New) The method for forming an apparatus according to claim 113, wherein the flat panel display device, the housing and the third frame are combined through the first, second and third fastening elements.

115. (New) The method for forming an apparatus according to claim 109, wherein the flat panel display device is a liquid crystal display device.

116. (New) A method of forming an information terminal apparatus, the method comprising:
forming a flat panel display device having a light unit including a reflection unit, a light source and a light guide unit, a first frame supporting the light unit, a second frame corresponding to the first frame, a flat display panel and a third frame on a rear surface of the first frame, the third frame having a first fastening element, the operation of forming a flat panel display device comprising:

placing the flat display panel between the first frame and the second frame;

providing a housing having a second fastening element; and

coupling the flat panel display device with the housing, wherein the flat panel display device and the housing are combined through the first fastening element and the second fastening element.

117. (New) The method of forming an apparatus according to claim 116, wherein the flat display panel has a display region and the first fastening element is disposed at the display region.

118. (New) The method of forming an apparatus according to claim 116, wherein the first and second fastening elements use a screw.

119. (New) The method of forming an apparatus according to claim 118, wherein the screw is combined with the first fastening element through the second fastening element from a rear surface of the housing.